

### REMARKS

Favorable reconsideration is respectfully requested in view of the following remarks.

Enclosed is a Declaration by Yuanjun Gu, one of the inventors of this application.

As detailed in the response submitted on November 3, 2008, the present inventors found that by treating a living body with a granule preparation containing freeze-dried fibrin, it is possible to obtain excellent and unexpected recovery of blood flow amount as shown in Table 1 on page 29 of the specification. These findings were not obvious to those skilled in the art. Based on these findings, the claimed invention was completed.

The Declaration details an experiment conducted to further illustrate the excellent and unexpected recovery of blood flow as a result of treating a living body with a granule preparation containing freeze-dried fibrin. In this experiment, three sides of a skin on the median line part of the back of an 8 to 10 week old nude mouse were opened into a square having a 1 cm traverse direction and a 2 cm length direction as shown in Figure 1. The administration model group were treated with PBS containing a granule preparation containing freeze-dried fibrin, as detailed on page 13 of the Declaration, while the control group were treated with PBS without the addition of the fibrin. After suturing, the mice were returned to a rearing cage and blood flow at the central part of the skin flap on day 3 and day 7 after skin flap formation was investigated.

In Table 1, it is shown that the Blood Flow Amount in both day 3 and day 7 after skin flap formation was higher in the administration model group than in the control group. Table 1 further shows that the Recovery Rate (%) of blood flow in both of day 3 and day 7 after skin flap formation was higher in the administration model group than in the control group. The data for Blood Flow Amount and Recovery Rate (%) of blood flow shown in Table 1, taking into account the margin of error, shows that both Blood Flow Amount and Recovery Rate (%) of blood flow is remarkably elevated by administration of a granule preparation containing freeze-dried fibrin.


Similar results are also shown in Figures 3(a) and 3(b), which shows graphically that the blood flow amount in the administration model group is higher than that of the control group, indicating that there is a remarkable improvement in blood flow amount due to administration of a granule preparation containing freeze-dried fibrin.

In view of the foregoing remarks, it is respectfully submitted that the present application is in condition for allowance and early notice to that effect is hereby requested.

If the Examiner has any comments or proposals for expediting prosecution, please contact the undersigned attorney at the telephone number below.

Respectfully submitted,

Kazutomo INOUE et al.

By:  \_\_\_\_\_

William R. Schmidt, II  
Registration No. 58,327  
Attorney for Applicants

WRS/lc  
Washington, D.C. 20006-1021  
Telephone (202) 721-8200  
Facsimile (202) 721-8250  
November 10, 2008

**ATTACHMENTS**

A. Declaration by Yuanjun Gu